MAG v3.2 - December 2013

Features and bug fixes:

- Update web interface to retain user choices when returning to a page via the back button. This restored feature was present in Java-based MAG2 version.
- Adjust the legend of the ww3 ATLPAC product to not overlap the map.
- Add dominant precipitation product to GFS, available every 6 hours up to forecast hour 192.
- Add Alaska region for the GFS and RTMA models.
- Thicken map lines all coastlines for Model Guidance products, except POLAR model.
- Add Arctic regions for GFS, GEFS, and NAEFS.
- Fix bug in Four Panel display that caused "Next>>" to be incorrectly displayed on the last available image when the cycle is not yet complete.
- Fix size of Polar model image to be the same as other medium size images.
- Fix calculation of title date to based on data instead of wall clock time.
- Redesign zoom feature in image display to be compatible with mobile devices. The action is now initiated by clicking on the zoom links instead of hovering.
- Fix zoom bug where zooming in does not work if image is zoomed out to the maximum.
- Fix zoom bug where entire page is zoomed, not just the image.
- Fix 1000_850_thick product contour to ensure that the 130dm line appears, and is blue.
- Fix bug where 'Next>>' did not work when displaying SREF '2m_tmp' and 10m_wind' products.
- Remove the following forecast hours for which there is no input data, resulting in a blank map:
  - GEFS-MNSPRD dom_precip_type for 000
  - GEFS-MNSPRD prob_precip_25, prob_precip_50, and prob_precip_[25,50,100 for 000
  - SREF prob_precip_25 00 and 003
  - HRW-NMM-EUS, HRW-NMM-WUS, HRW-NMM-AK, HRW-ARW-EUS, HRW-ARW-WUS, and HRW-ARW-WK sim_radar for 000
  - NAM-HIRES Alaska dom_precip_type for 000

MAG URL Path

The MAG web site has changed the main path in its direct access URLs. For customers that used to access images directly with a URL formatted like this:

http://mag.ncep.noaa.gov/GemPakTier/MagGemPakImages/gfs/12/gfs_namer_015_250_wnd_ht.gif

The new direct image URL is formatted like this:

http://mag.ncep.noaa.gov/data/gfs/12/gfs_namer_015_250_wnd_ht.gif

- Notice /GemPakTier/MagGemPakImages is replaced with /data
- Also from the older site: remove any references to /NCOMAGWEB/appcontroller

We have added entries in our server tables that automatically redirect requests using the old URLs (that contain GemPakTier/MagGemPakImages) to use the updated links. However, we cannot leave those entries in place indefinitely. We will remove those automatic redirections on **Tuesday, January 28, 2013**. Customers should update their links by that date.
Please let us know if there are any links that are not resolved by the redirection or that do not work with the new url path.

Upcoming Changes

MAG v3.3: April 2014 (content and date subject to change)
- Add looping to four-panel products
- Add Alaska region for the SREF
- Add Choice to loop every 3 hours or every 6 hours
- Add ability to more easily bookmark major sections (images, loops, etc)
- Add more surface parameters to the HiResW models
- Add more parameters to SREF
- Add more parameters for the WW3 models
- Reorganize the RTMA areas / provide consistent temperature scales in plots - warm colors - red/orange/yellow - cold colors - blues/greens
- Add lat / lon lines to product maps covering ocean areas
- Extend European area to include Nova Scotia
- Add NOAA logo on all images
- Add India/Pakistan for Global models
- Add Peak Wind Gust and Visibility to RTMA
- Add URMA model to MAG